

What Is Claimed Is:

1. A method for capturing an electronic signature of a user in a java based environment on a personal digital assistant, comprising:
  - capturing an instance of the electronic signature on the canvas;
  - encoding by a canvas the instance of the electronic signature in a file; and
  - transferring the file by the canvas to an applet.
2. The method according to claim 1, further comprising attaching a pointer to the file by the applet, the pointer pointing to a business object associated with the electronic signature.
3. The method according to claim 2, further comprising communicating by the personal digital assistant the file and the business object to a server.
4. The method according to claim 3, further comprising encoding the file and the business object prior to communicating the file and the business object to the server.
5. The method according to claim 4, wherein the file and the business object are encoded using an MD5 algorithm.
6. The method according to claim 3, further comprising comparing the file to at least one stored file by the server for consistency.
7. The method according to claim 6, further comprising producing a rejection message if the server determines that the file and the at least one stored file are not consistent.
8. The method according to claim 6, further comprising producing an acceptance message if the server determines that the file and the at least one stored file are consistent.
9. The method according to claim 1, wherein the file is a .gif file.
10. The method according to claim 1, wherein the prompting by the applet is in response to a delivery of an item, the electronic signature verifying receipt of the item.

11. The method according to claim 1, further comprising:  
prompting the user by the applet operating on the personal digital assistant; and  
handling the canvas by the applet.
12. A personal digital assistant, comprising: ✓  
a pressure sensitive screen; and  
a processing system adapted to capture a signature entered via the screen and  
attach the signature to a business object maintained by the processing system.
13. The personal digital assistant according to claim 12, wherein:  
the application includes an applet adapted to prompt a user and adapted to  
handle a canvas; and  
the canvas is adapted to capture an instance of the electronic signature, encode  
the instance in a file, and transfer the file to the applet.
14. The personal digital assistant according to claim 13, wherein a pointer is attached to  
the file by the applet, the pointer pointing to a business object associated with the  
signature.
15. The personal digital assistant according to claim 13, wherein the personal digital  
assistant communicates the file and the business object to a server.
16. The personal digital assistant according to claim 15, wherein the personal digital  
assistant encodes the file and the business object prior to communicating the file and  
the business object to the server.
17. The personal digital assistant according to claim 15, wherein the server compares the  
file to at least one stored file for consistency.
18. A computer readable medium including a method for capturing an electronic  
signature of a user in a java based environment on a personal digital assistant, the  
method comprising:  
providing a canvas by an applet;  
prompting the user by the applet to sign the canvas;

capturing the electronic signature by the canvas;  
 encoding the electronic signature in the canvas in a .gif format to form a  
 formatted electronic signature; and  
 transferring the formatted electronic signature to the applet from the canvas.

19. The computer readable medium according to claim 18, wherein the method further comprises attaching a pointer to the file by the applet, the pointer pointing to a business object associated with the electronic signature.
20. The computer readable medium according to claim 19, wherein the method further comprises communicating by the personal digital assistant the file and the business object to a server.
21. The computer readable medium according to claim 20, wherein the method further comprises encoding the file and the business object prior to communicating the file and the business object to the server.
22. The computer readable medium according to claim 20, wherein the method further comprises comparing the file to at least one stored file by the server for consistency.
23. A secure signature capturing method for mobile devices, comprising:
  - pursuant to a first application executing on a mobile device, capturing and encrypting a signature; and
  - pursuant to a second application executing on the mobile device, receiving the encrypted signature from the first application and attaching it to a document;
  - wherein unencrypted data representing the captured signature is inaccessible to any application other than the first application.
24. A network, comprising:
  - a mobile device adapted to capture a signature, encode the signature, and attach the encoded signature to a business object; and
  - a server adapted to receive the encoded signature attached to the business object from the mobile device;
  - wherein the server compares the encoded signature to a stored signature file.